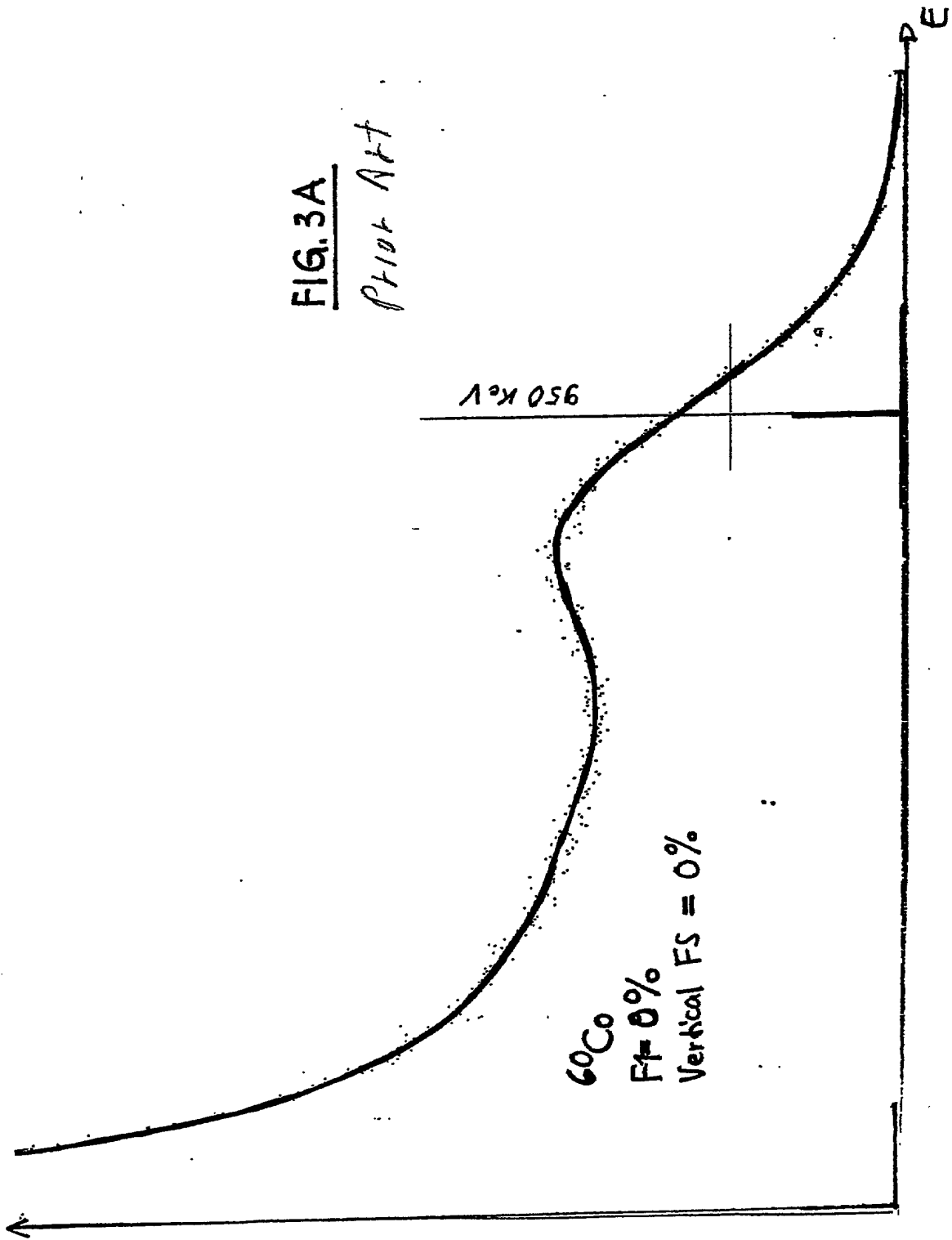


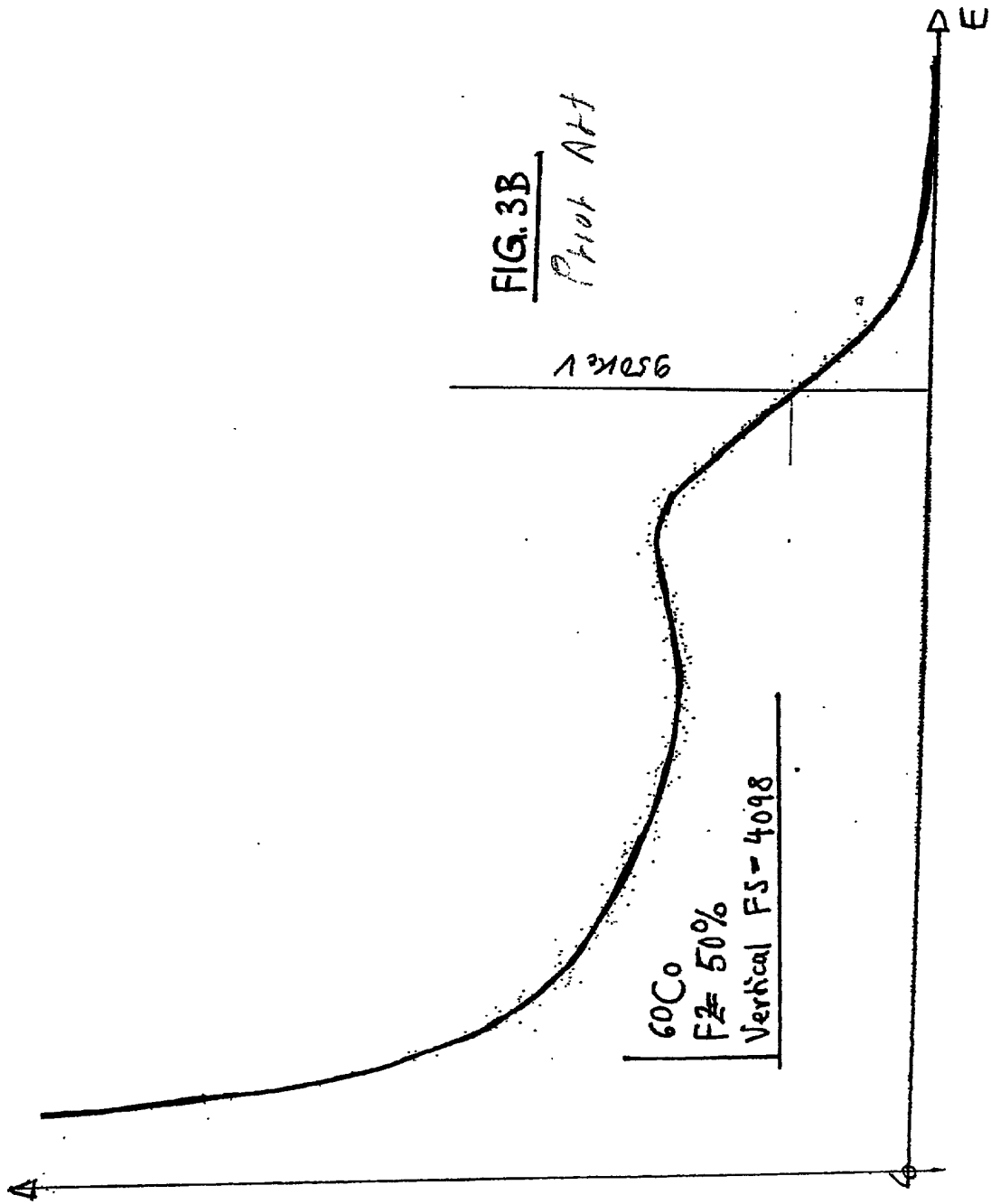
FIG. 3A

Pilot Aft



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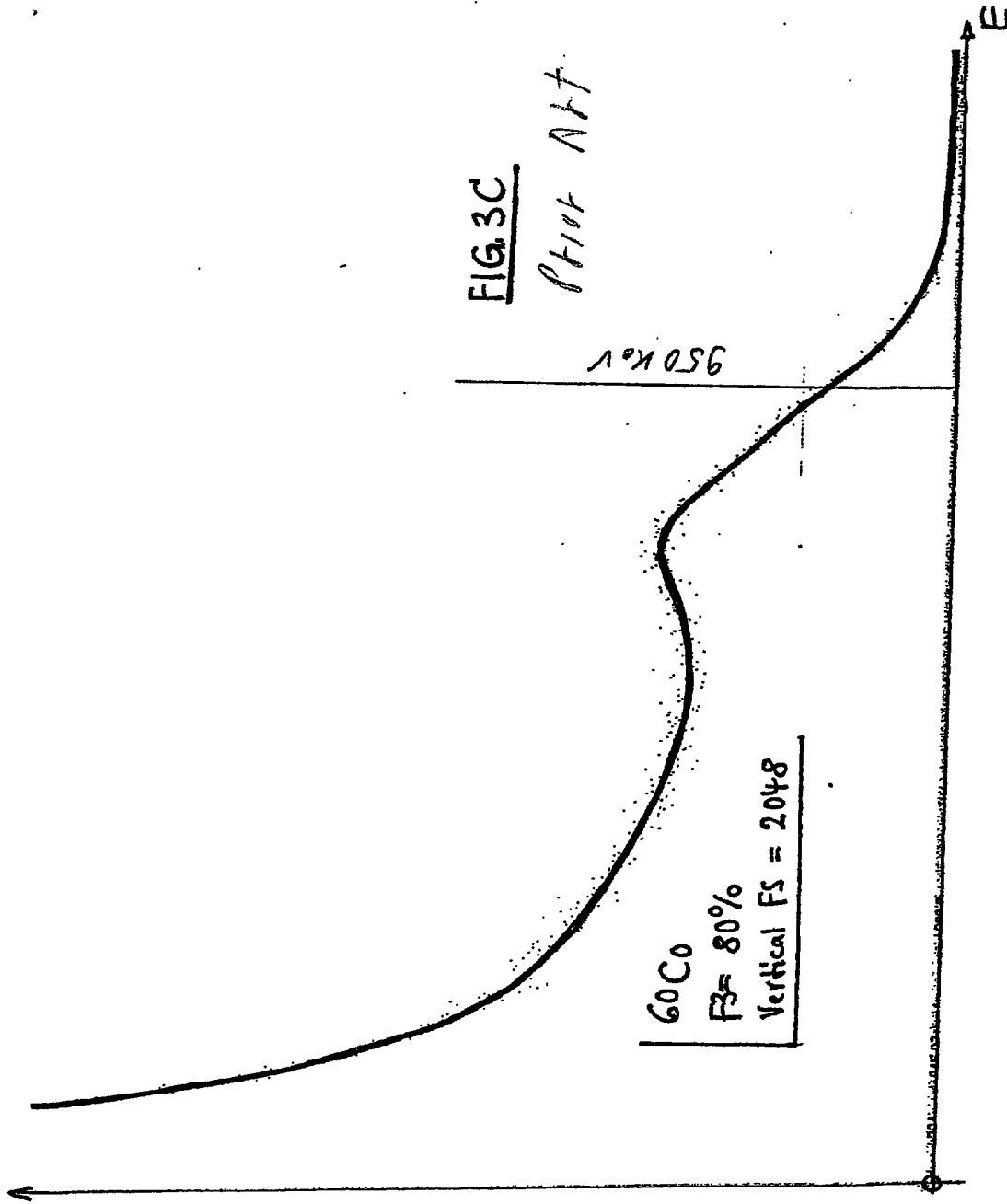
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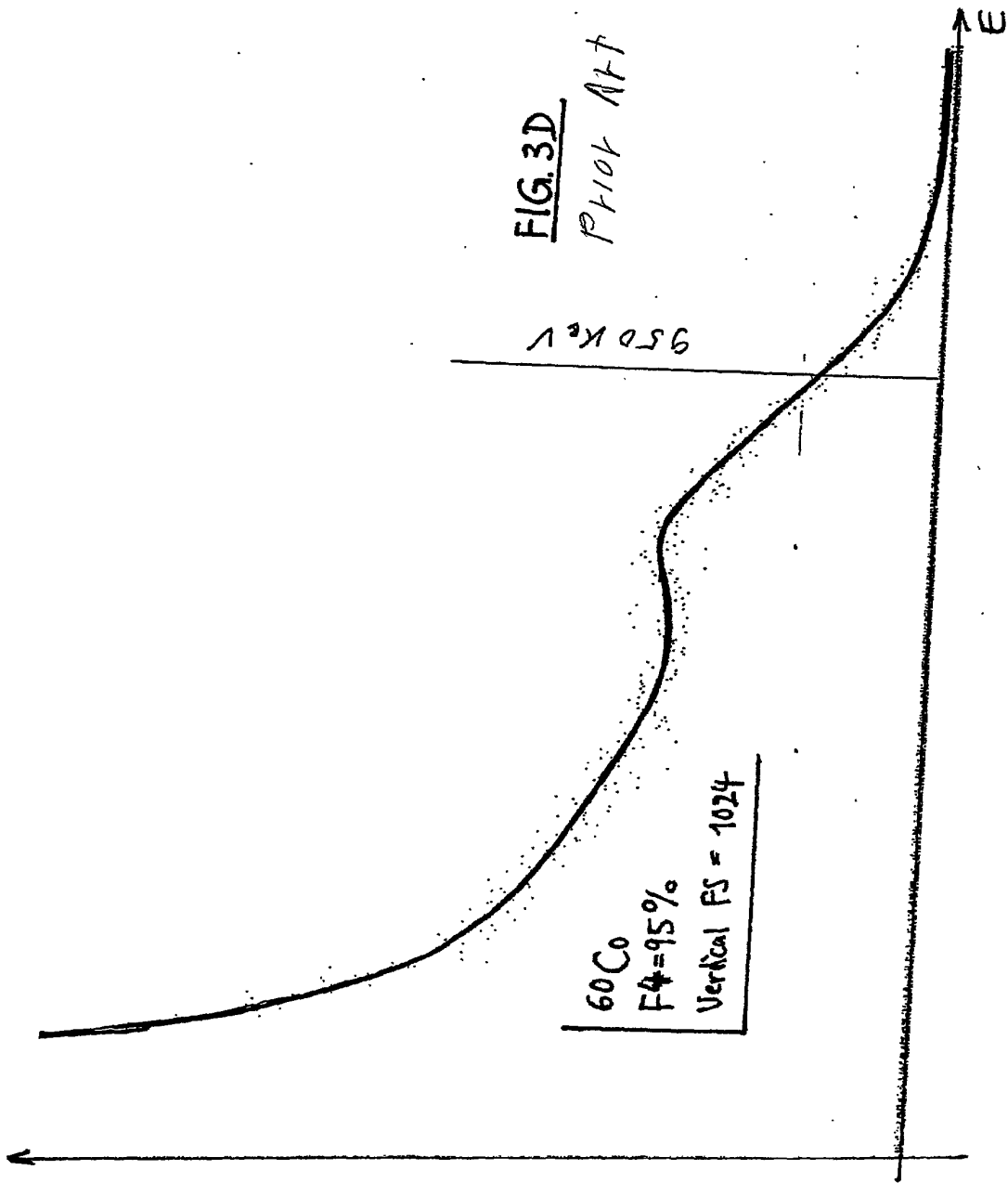
FIG. 3C

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FIG. 3E

Plot AFT

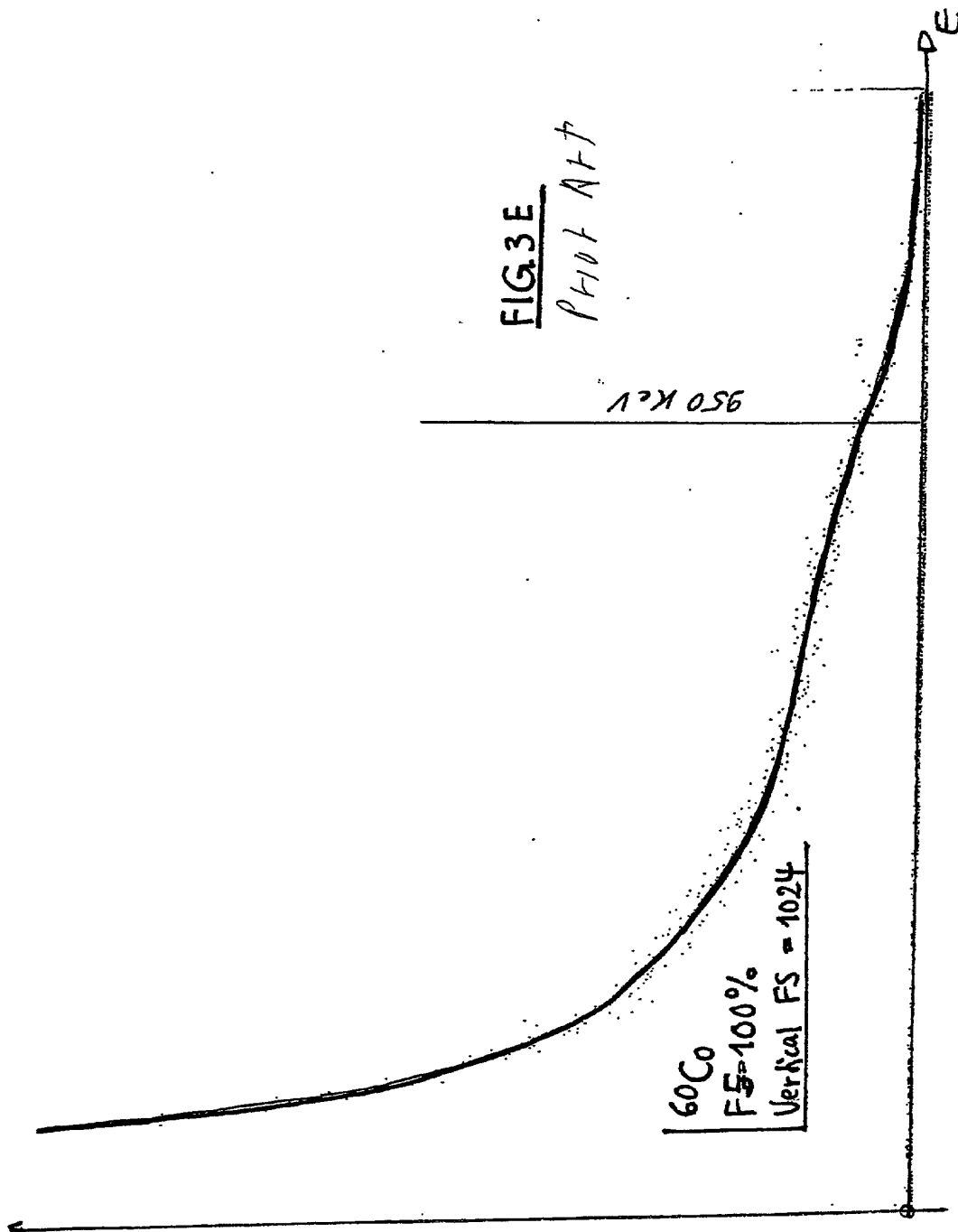
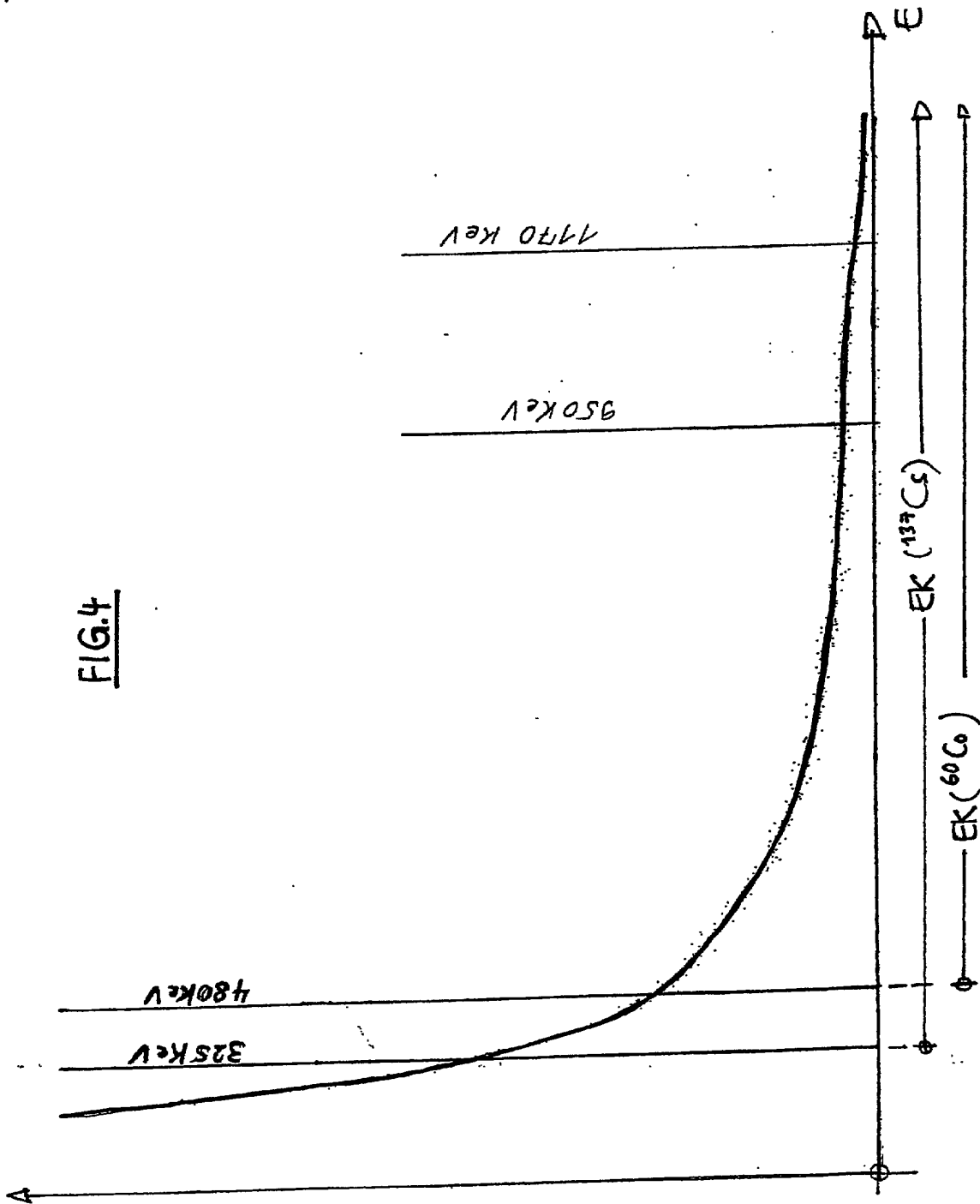


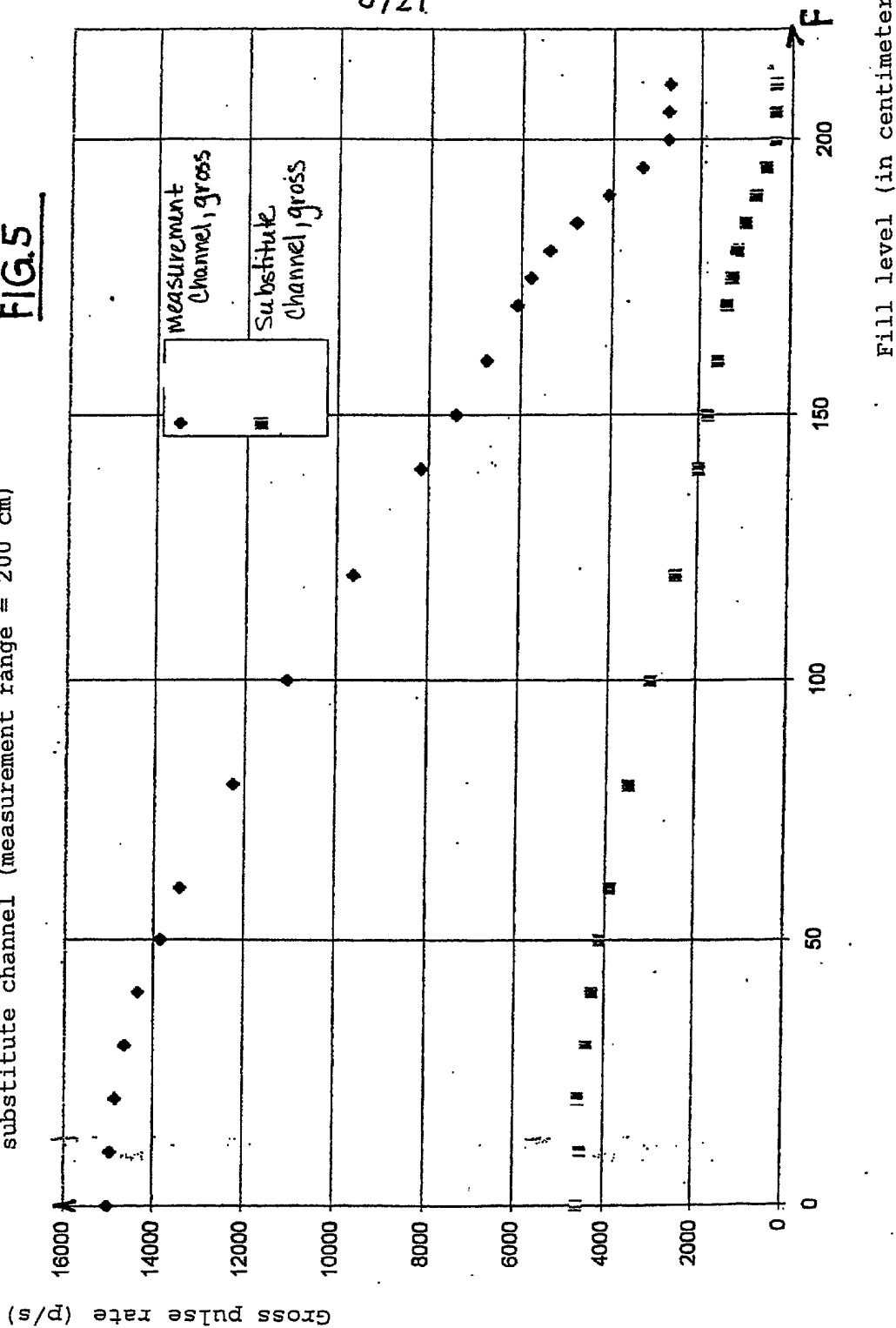
FIG. 4



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Calibration curves for the measurement channel and
substitute channel (measurement range = 200 cm)

FIG.5



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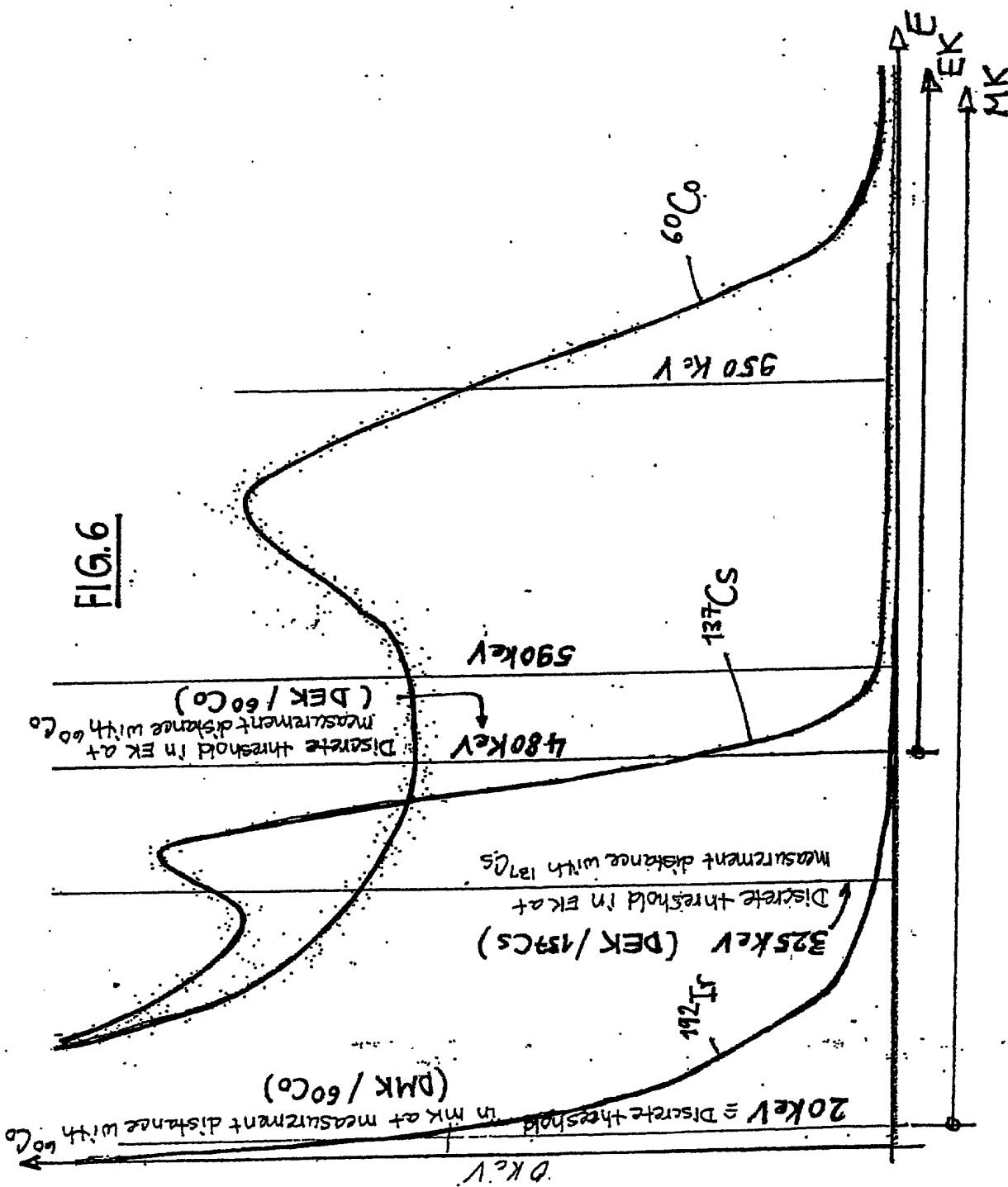


FIG. 6

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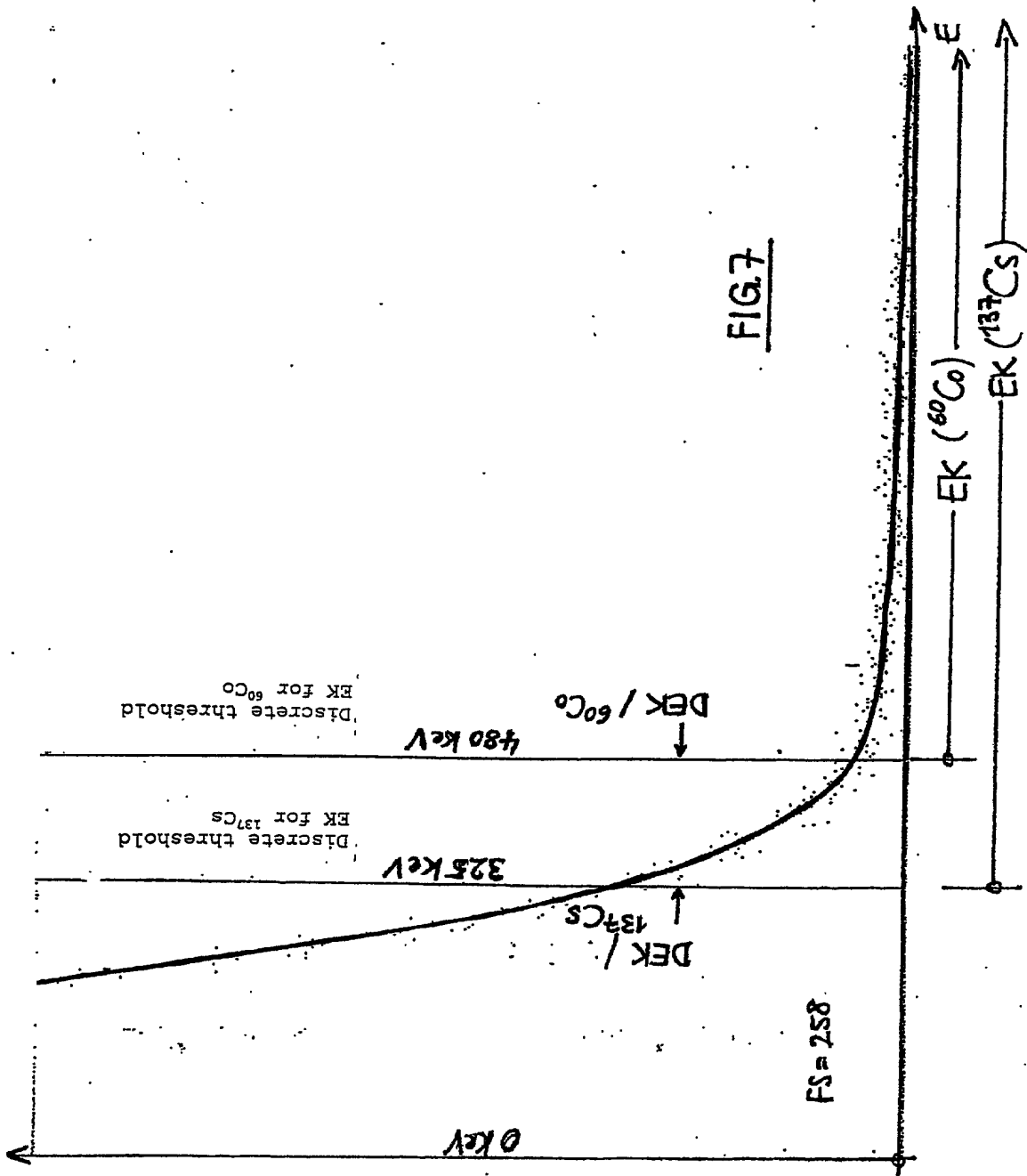


FIG. 7

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Fig. 8

Co-60 plateau in measurement channel (MK)

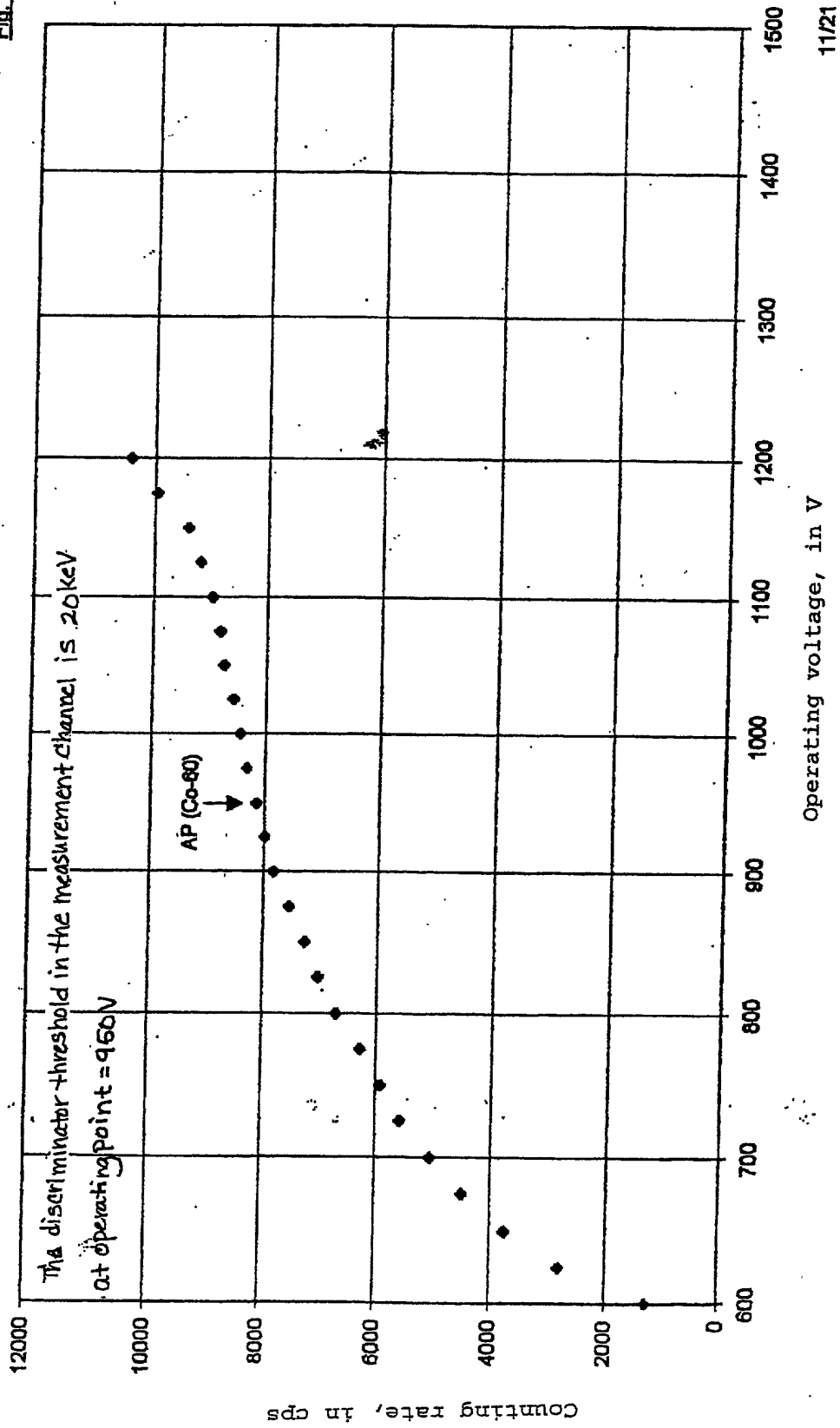


Fig. 9

Co-60 plateau in substitute channel (EK)

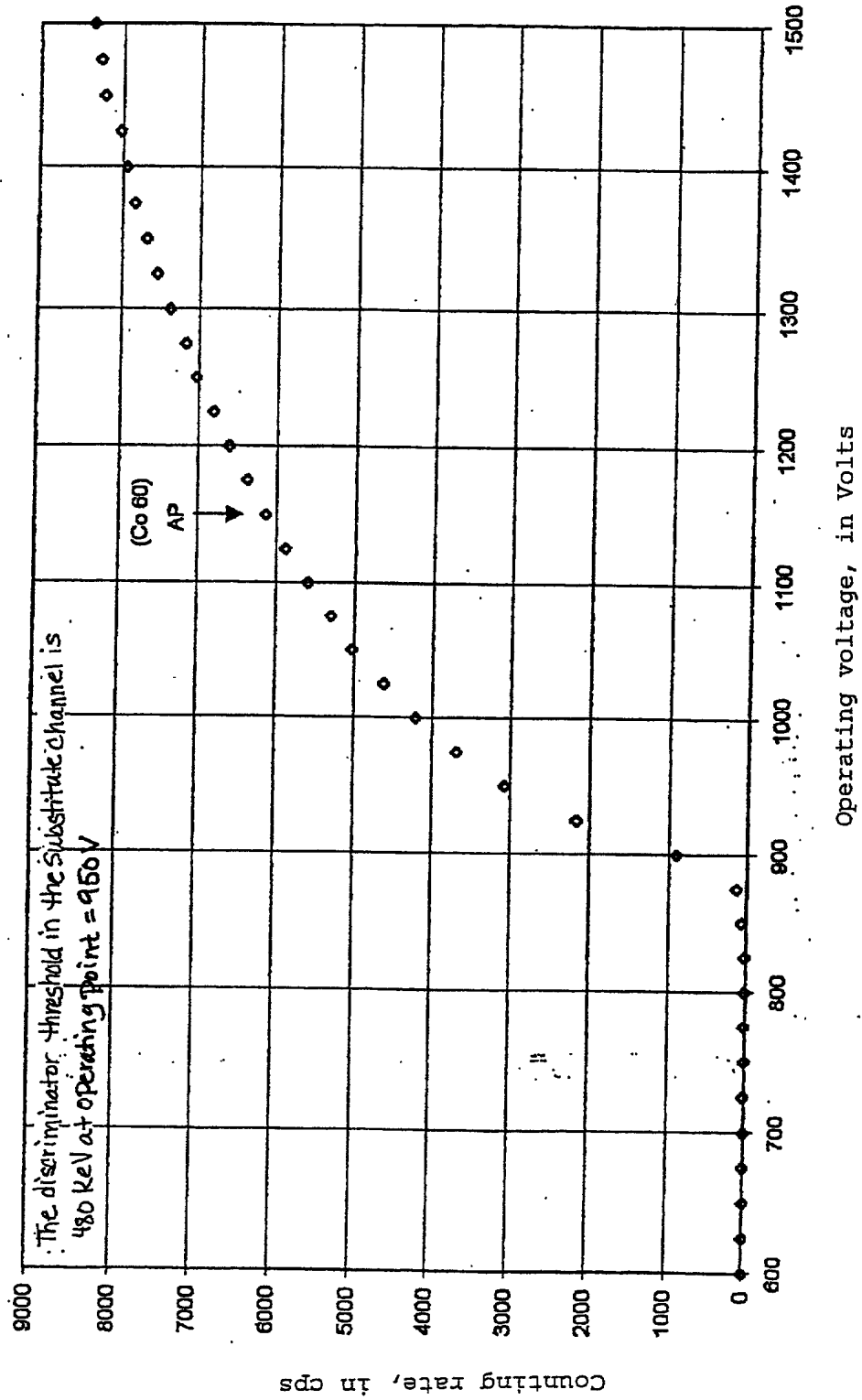
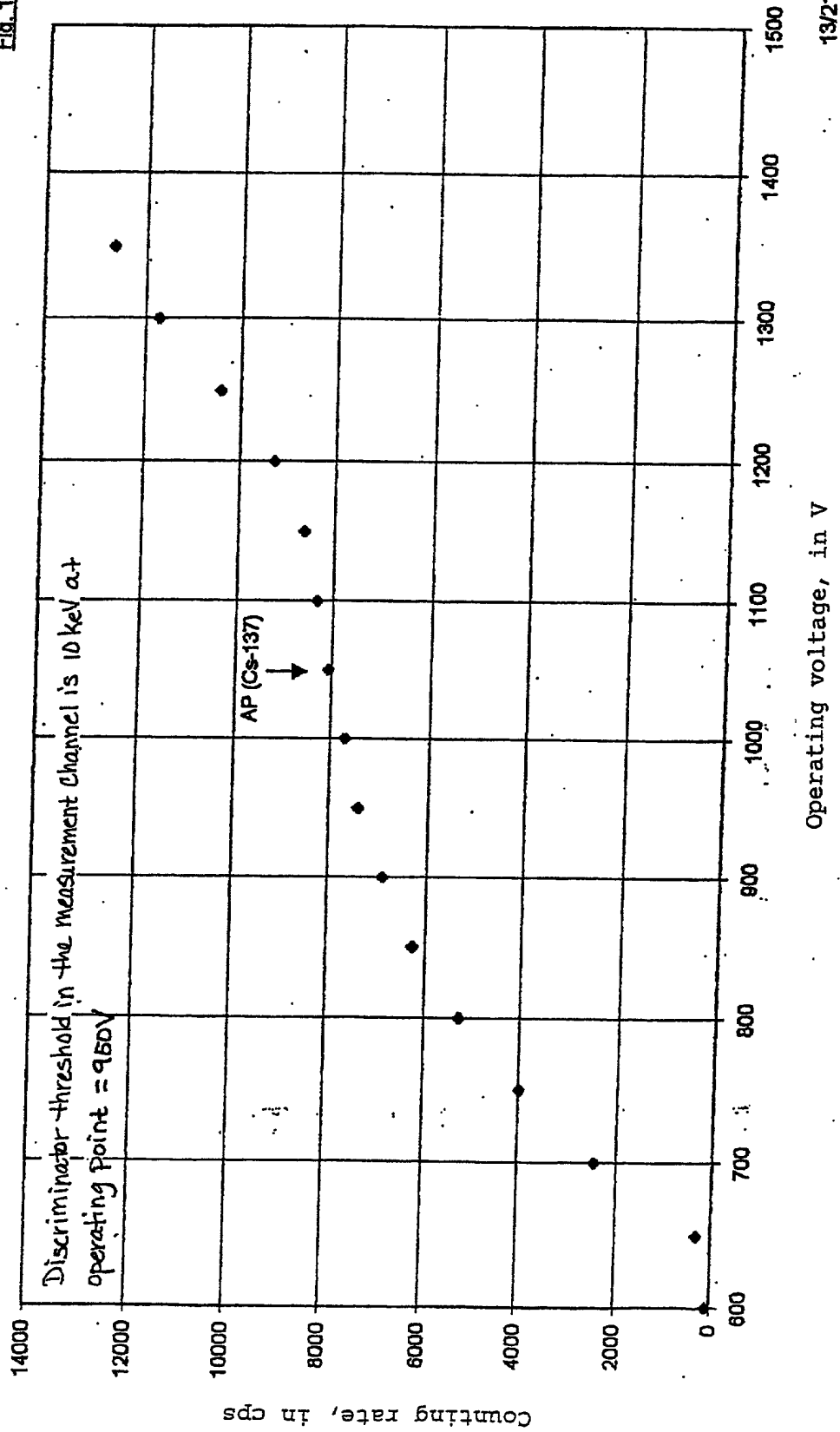


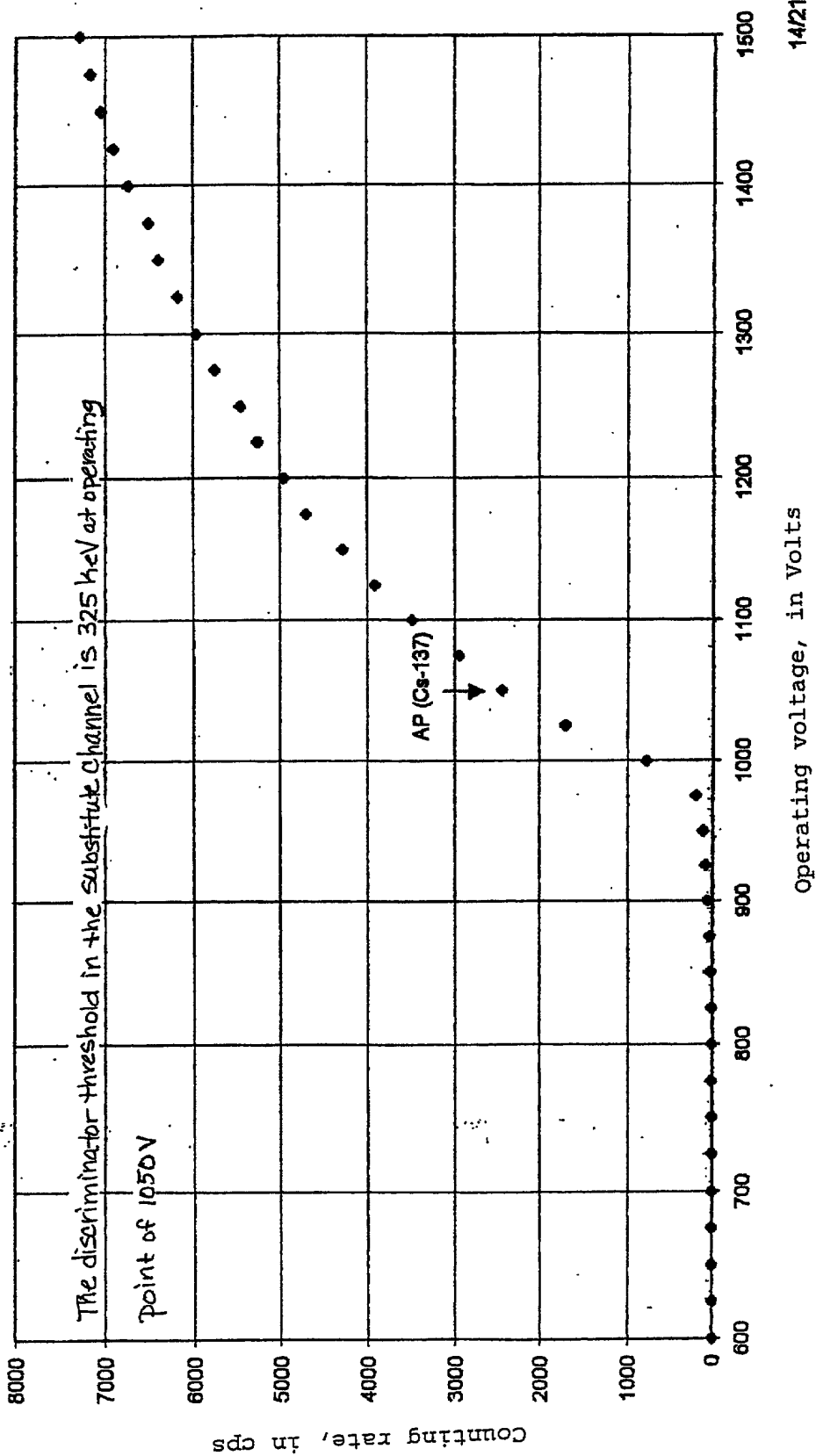
Fig. 10

Cs-137 plateau in measurement channel (MK)



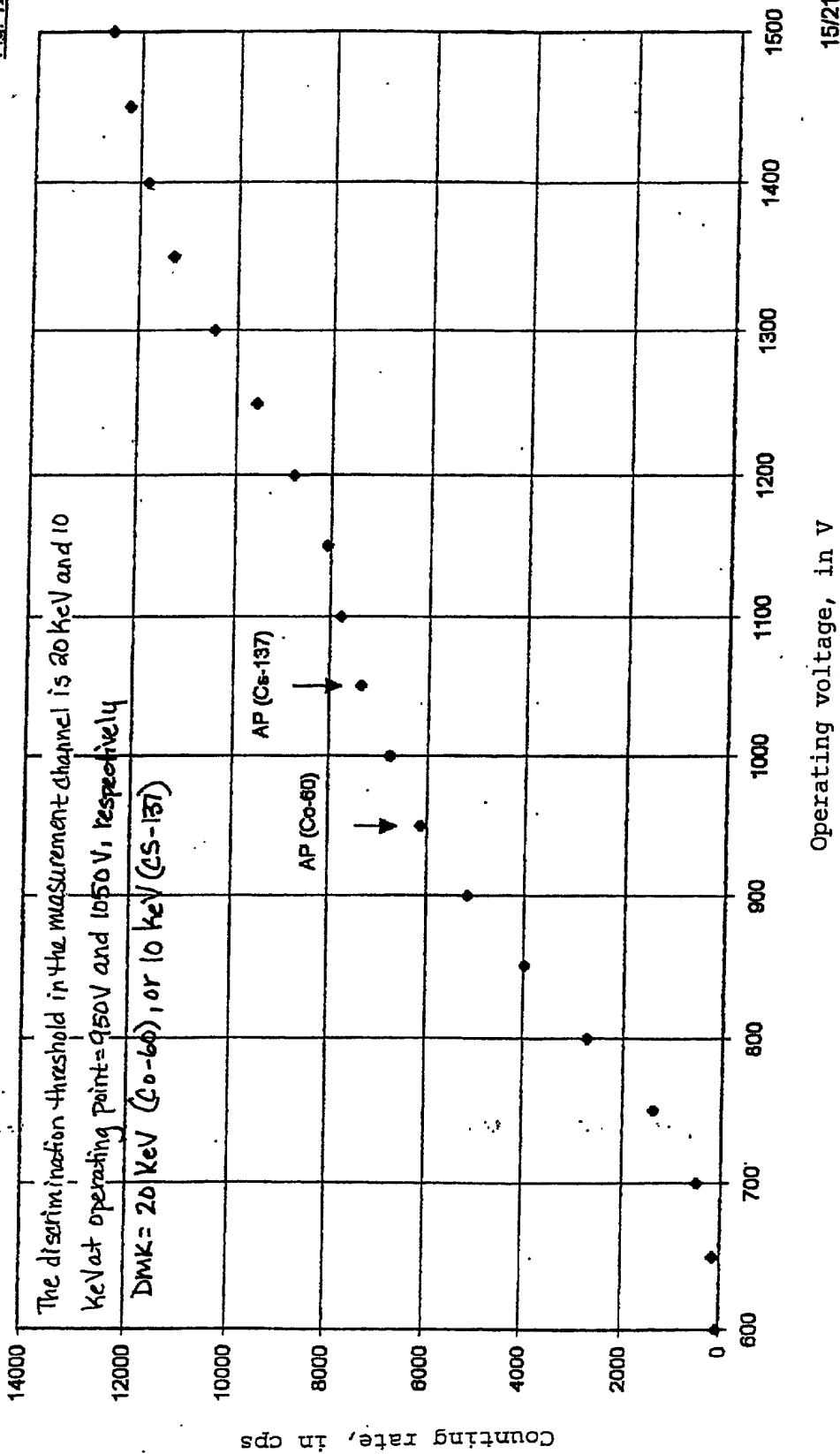
Cs-137 plateau in substitute channel (EK)

Fig. 11



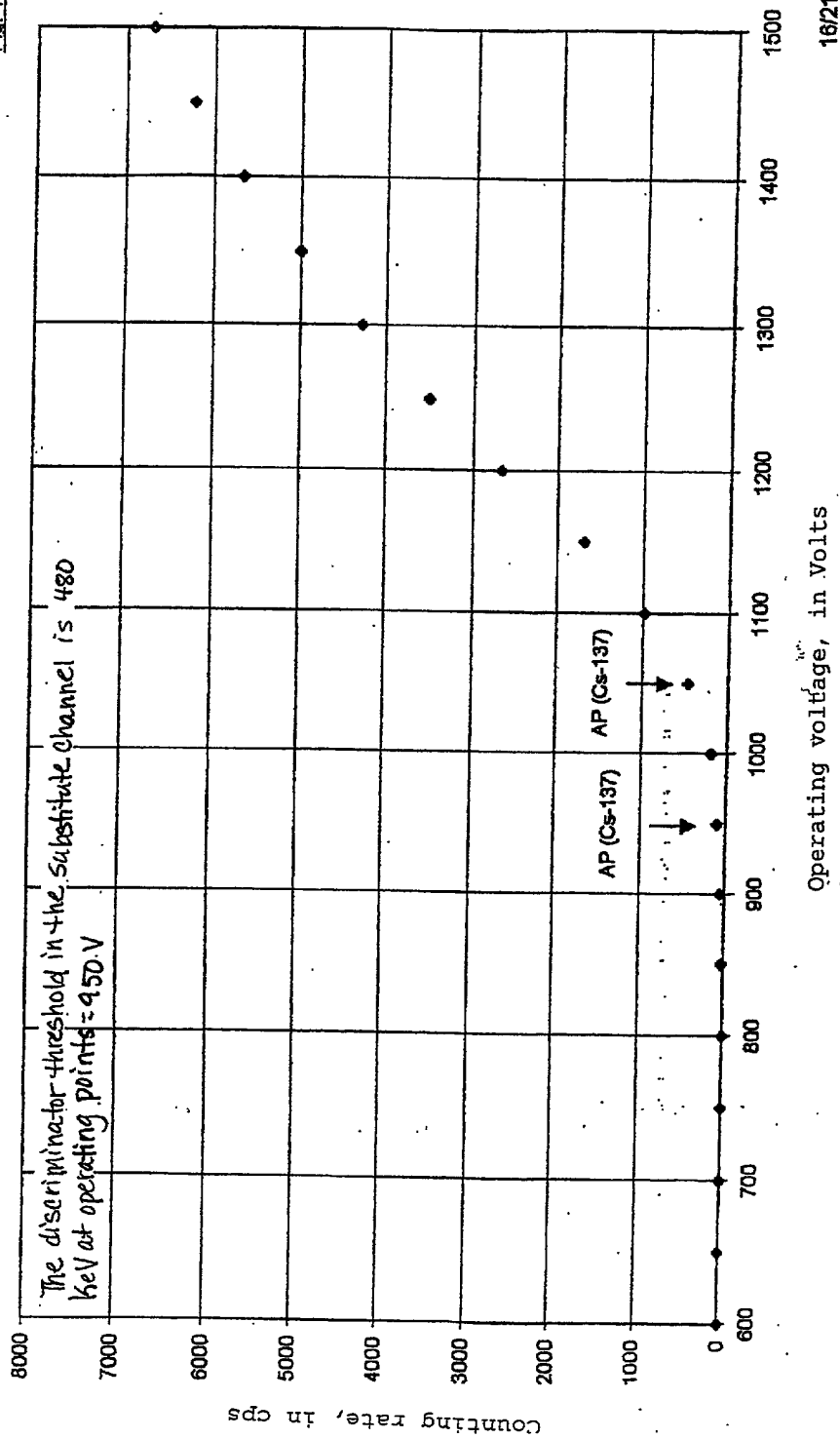
IR-192 plateau in measurement channel (MK)

Fig. 12



Ir-192 plateau in substitute channel (EK)

Fig. 13



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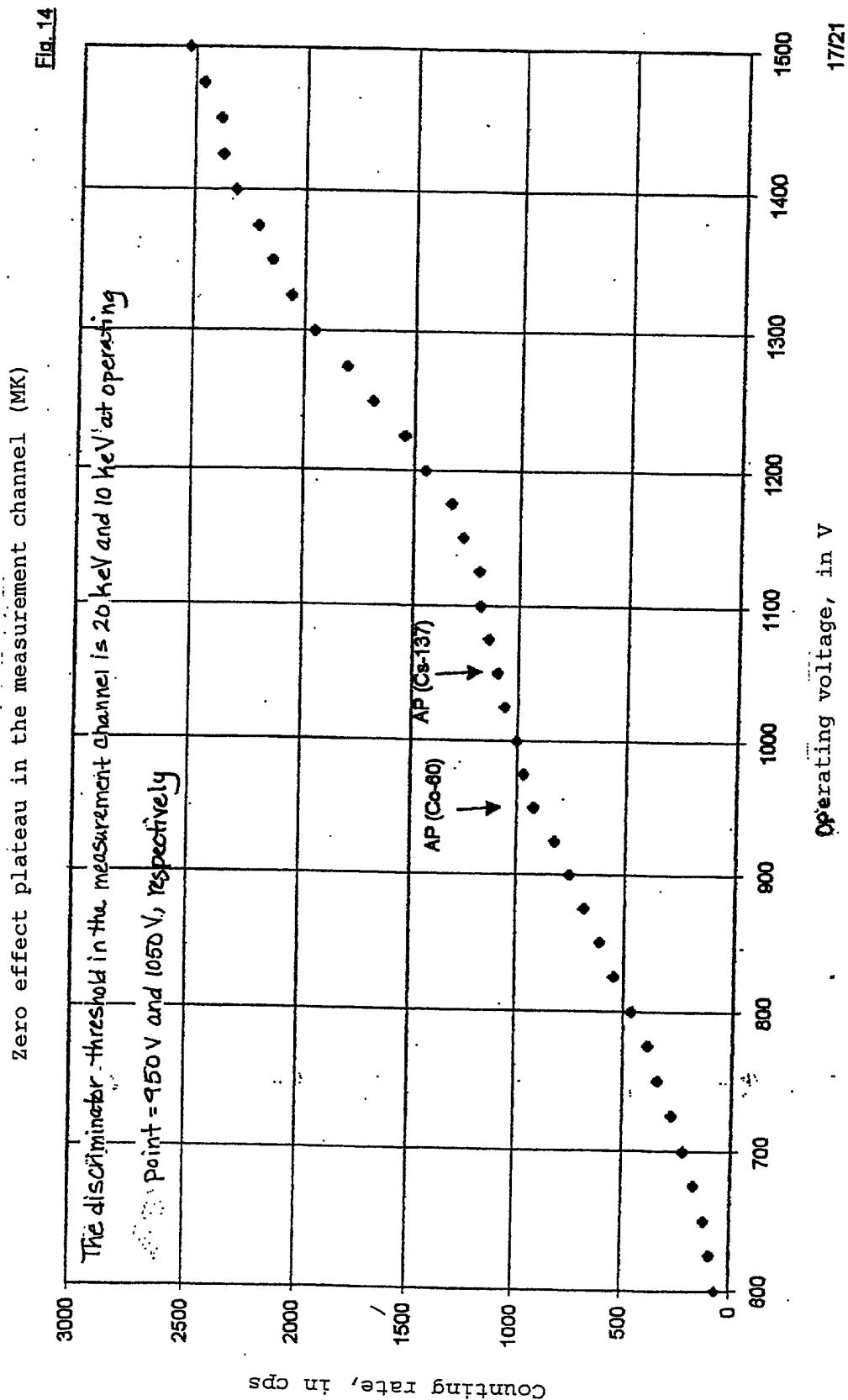
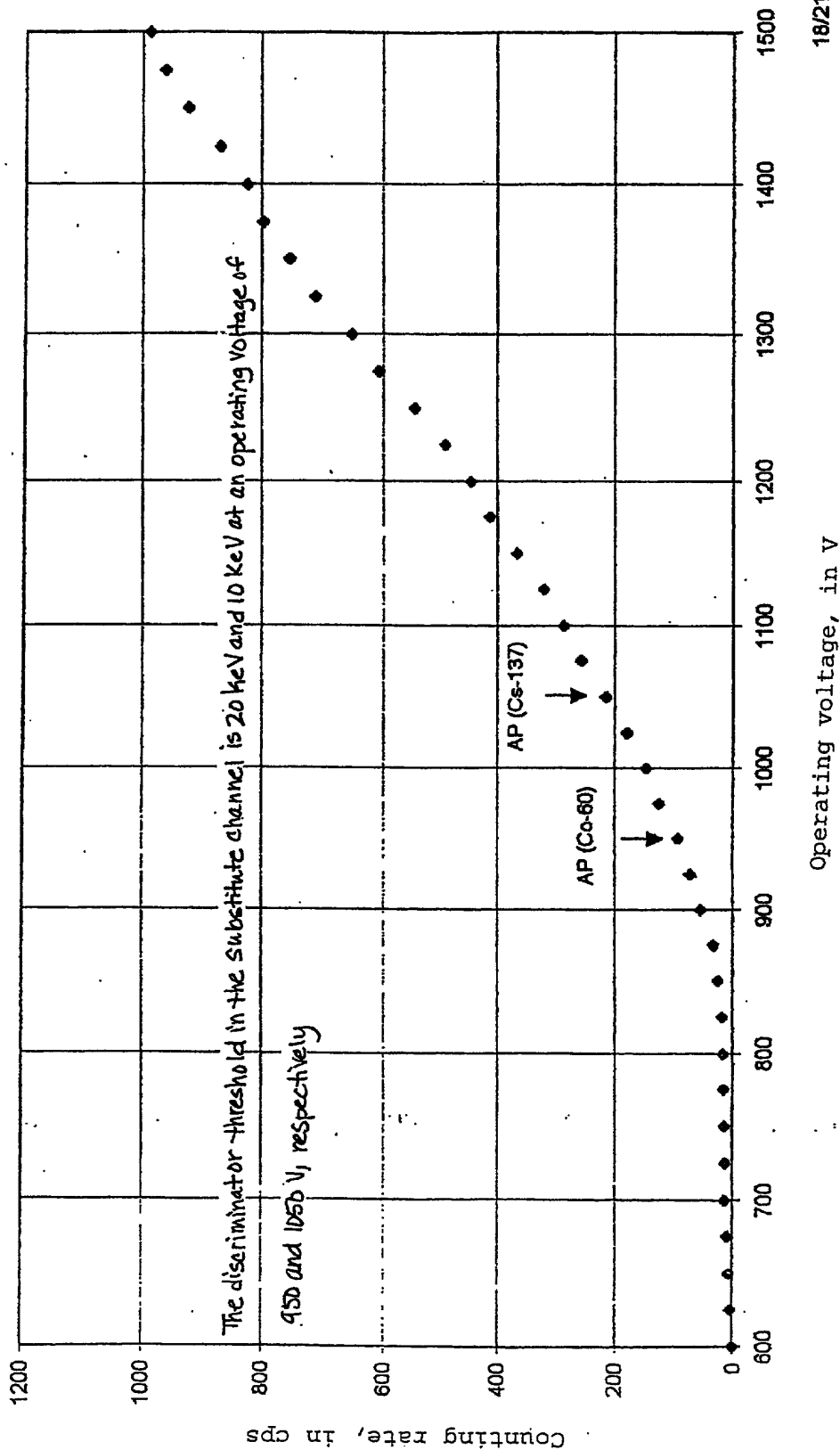


Fig. 14

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Zero effect plateau in the substitute channel (EK)

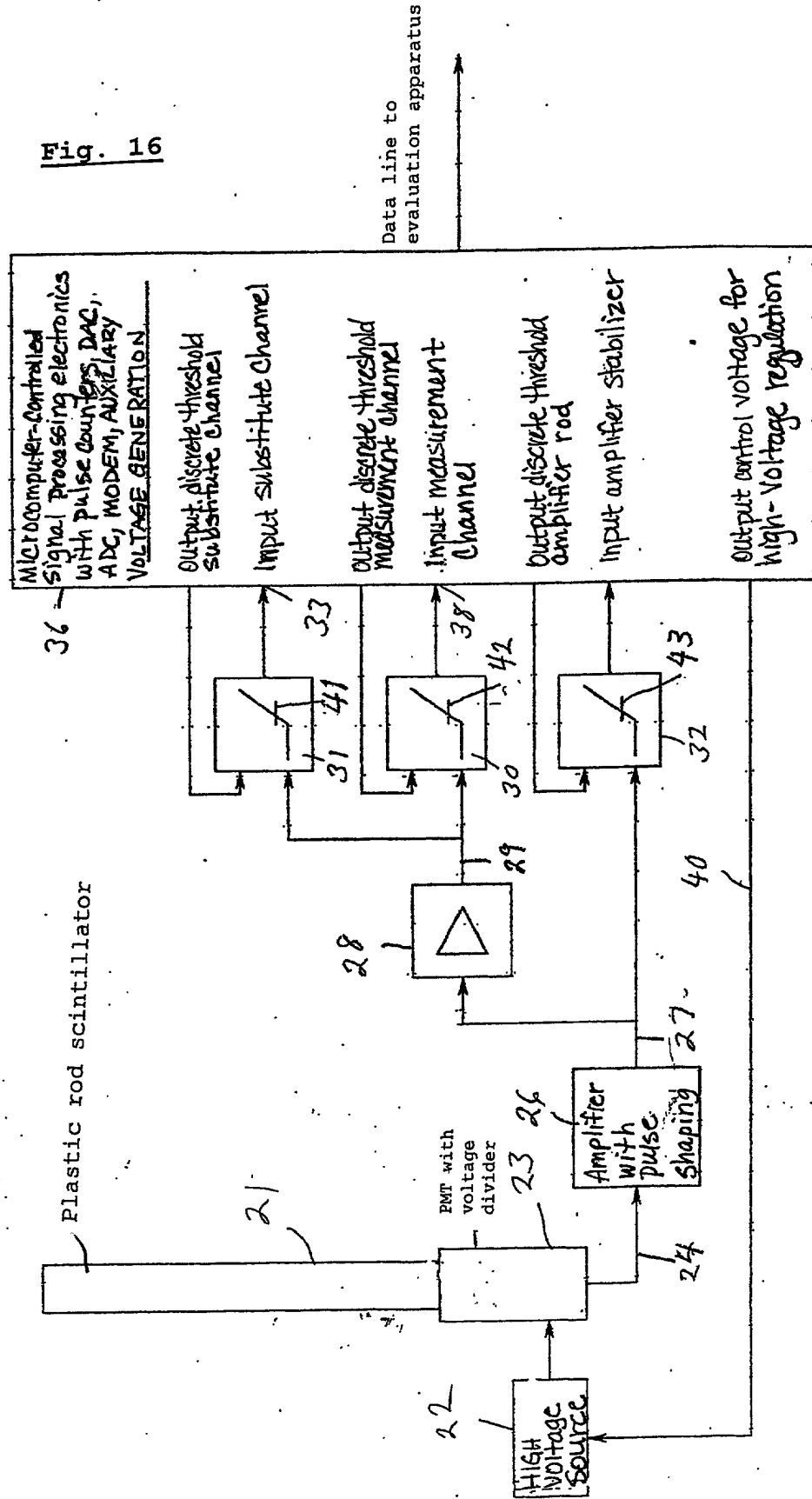
Fig. 15



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Fig. 16

Function Diagram for Signal Processing in the Probe Electronics



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Extraneous Radiation Detection and Suppression: Data Processing in the Evaluation Device

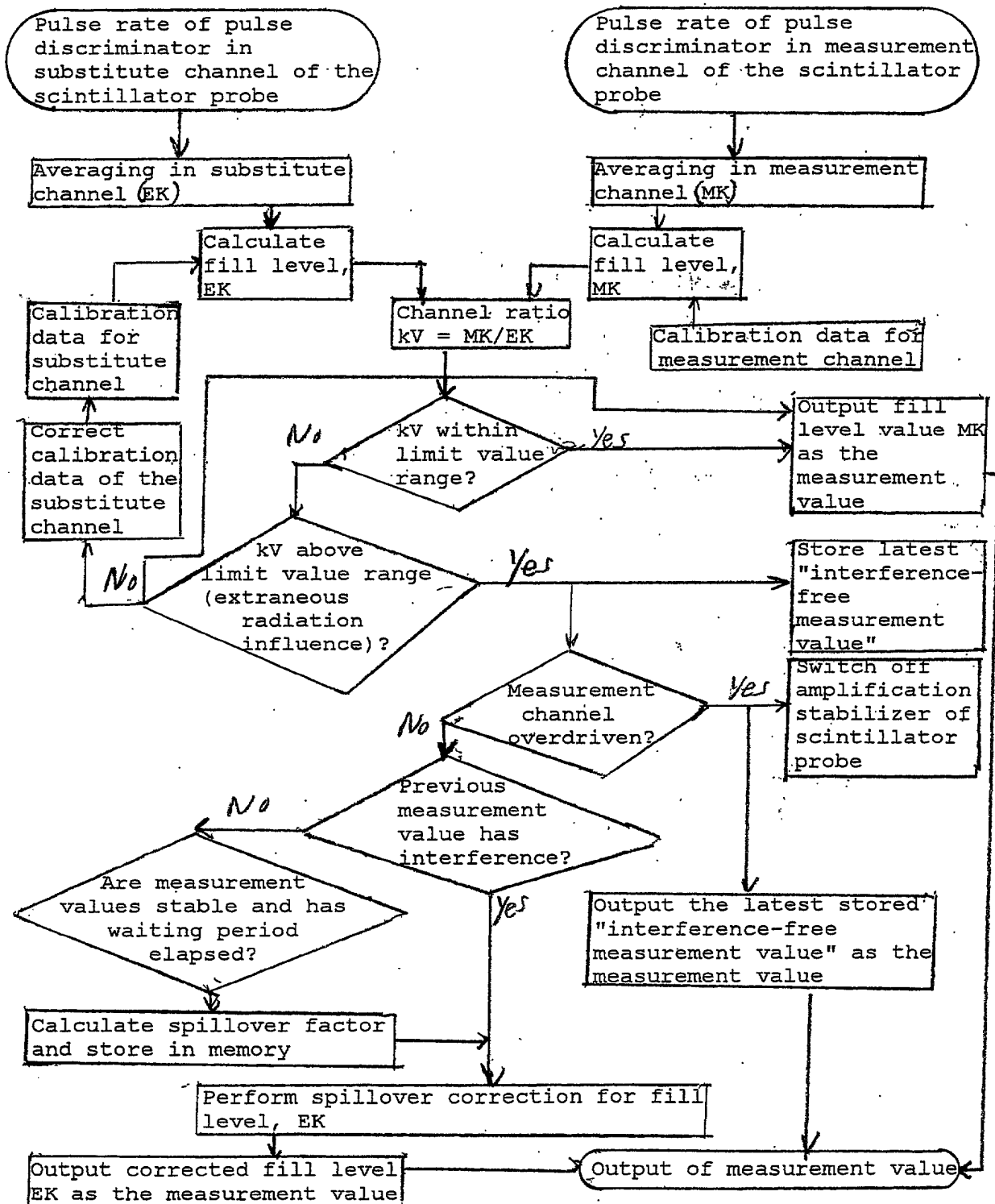


FIG. 17

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